



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: August 31, 2020 **EPA Reg. No./File Symbol: 88541-1** **Page 1 of 9**

Applicant's/Registrant's Name and Address:
 Willowood Lambda Cyhalothrin LLC 1887 Whitney Mesa Drive #9740 Henderson, NV 89014-2069

Product Name:
 Willowood Lambda-Cyhalothrin Technical

Ingredients: Active and Percent – Lambda-cyhalothrin 95%

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
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PRODUCT SPECIFIC					
830.1550	Product identity and composition	48527101 49939701 51254901 51254902	Willowood Lambda Cyhalothrin LLC	OWN	
830.1600	Description of materials used to produce the product	48527101 49939701 51254901	Willowood Lambda Cyhalothrin LLC	OWN	
830.1620	Description of production process	48527101 49939701 51254901	Willowood Lambda Cyhalothrin LLC	OWN	
830.1670	Discussion of formation of impurities	48527101 49939701 51254901	Willowood Lambda Cyhalothrin LLC	OWN	
830.1700	Preliminary analysis	49939702 51254902	Willowood Lambda Cyhalothrin LLC	OWN	
830.1750	Certified limits	49939701 51254901	Willowood Lambda Cyhalothrin LLC	OWN	
830.1800	Enforcement analytical method	48539401 49939702 51254902 51254903	Willowood Lambda Cyhalothrin LLC	OWN	
830.6302	Color	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6303	Physical state	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6304	Odor	48527103	Willowood Lambda Cyhalothrin LLC	OWN	

Signature:

Jane M. Miller

Name and Title:

Jane M. Miller
Consultant to Willowood Lambda Cyhalothrin LLC

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830.6313	Stability (sunlight, temperatures, metals and ions)	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6314	Oxidation/reduction: chemical compatibility	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6315	Flammability	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6316	Explodability	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6317	Storage stability of product	48909001	Willowood Lambda Cyhalothrin LLC	OWN	
830.6319	Miscibility	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.6320	Corrosion characteristics	48909001	Willowood Lambda Cyhalothrin LLC	OWN	
830.6321	Dielectric breakdown voltage	50166205	Willowood Lambda Cyhalothrin LLC	OWN	
830.7000	pH	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7050	UV Absorption	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7100	Viscosity	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7200	Melting point/melting range	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7220	Boiling point/boiling range	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7300	Density/relative density/bulk density	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7370	Dissociation constant	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7550	Partition coefficient (n-octanol/water)	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
830.7840	Water solubility	48527103	Willowood Lambda Cyhalothrin LLC	OWN	

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830.7950	Vapor pressure	48527103	Willowood Lambda Cyhalothrin LLC	OWN	
Product Specific and Generic Data Requirements for Amendment Action					
870.1100,	Acute Oral Toxicity	Cite-All	BONIDE PRODUCTS, LLC ATTN: AUDRA STAR 6301 SUTLIFF ROAD ORISKANY, NY 13424	PAY	
870.1200	Acute Dermal Toxicity		SYNGENTA CROP PROTECTION, LLC P.O. Box 18300 410 SWING ROAD GREENSBORO, NC 27419		
870.1300	Acute Inhalation Toxicity		NUFARM AMERICAS, INC. 4020 AERIAL CENTER PKWY., STE. 101 MORRISVILLE, NC 27560		
870.2400	Primary Eye Irritation		THE SCOTTS COMPANY D/B/A THE ORTHO GROUP 14111 SCOTTS LAWN ROAD MARYSVILLE, OH		
870.2500	Primary Dermal Irritation		BAYER CROPS SCIENCE LP 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167		
870.2600	Skin Sensitization		FMC CORPORATION 2929 WALNUT STREET PHILADELPHIA, PA 19104		
Generic Data	Generic Data		MACDERMID AGRICULTURAL SOLUTIONS, INC. UPL NA INC. 630 FREEDOM BUSINESS CENTER, SUITE 402 KING OF PRUSSIA, PA 19406		

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
			BASF CORPORATION P.O. Box13528 26 DAVISDRIVE RESEARCH TRIANGLE PARK, NC 27709		
			INTERVET INC D/B/A MERCK ANIMAL HEALTH TECHNOLOGY SCIENCES GROUP, INC. 1150 18TH STREET, NW, SUITE 1000 WASHINGTON, DC 20036		
			MCLAUGHLIN GORMLEY KING COMPANY, D/B/A MGK 7325 ASPEN LANE N MINNEAPOLIS, MN 55428		
			PACIFIC CHEMICAL DIV PACE NATIONAL CORP 500 7TH AVE S KIRKLAND, WA 98033		
			S.C. JOHNSON & SON, INC. 1525 HOWE STREET RACINE, WI 53403		
			HELENA AGRI-ENTERPRISES, LLC 225 SCHILLING BLVD., SUITE 300 COLLIERVILLE, TN 38017		
			J.R. SIMPLOT COMPANY P.O. Box 27 B OISE, ID 83707		
			CHEMSICO A DIVISION OF UNITED INDUSTRIES CORP. P.O. Box 142642 ST LOUIS, MO 63114		

Signature:

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			ADAMA MAKHTESHIM LTD. MAKHTESHIM-AGAN OF NORTH AMERICA, INC., D/B/A ADAMA 3120 HIGHWOODS BLVD., SUITE 100 RALEIGH, NC 27604		
			DREXEL CHEMICAL COMPANY P.O. Box 13327 MEMPHIS, TN 38113		
			NUFARM LIMITED NUFARM AMERICAS INC. 4020 AERIAL CENTER PKWY., STE 101 MORRISVILLE, NC 27560		
			CONTROL SOLUTIONS, INC. 5903 GENOA RED BLUFF ROAD PASADENA, TX 77507		
			VALENT U.S.A. LLC 1600 RIVIERA AVENUE, SUITE 200 WALNUT CREEK, CA 94596		
			SIPCAM AGRO USA, INC. 2525 MERIDIAN PKWY., SUITE 350 DURHAM, NC 27713		
			DOW AGROSCIENCES LLC 9330 ZIONSVILLE RD 308/2E INDIANAPOLIS, IN 46268		
			MANAGEMENT CONTRACT SERVICES, INC. P.O. Box 5209 VALDOSTA, GA 31603		
			JESMOND HOLDING AG REGISTRATIONS BY DESIGN, INC. P.O. Box 1019 SALEM, VA 24153		

Signature:

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			PYRETHROID WORKING GROUP WATERBORNE ENVIRONMENTAL, INC. 897-B HARRISON STREET SE LEESBURG, VA 20175		
			MAKHTESHIM AGAN OF NORTH AMERICA, INC. D/B/A ADAMA 3120 HIGHWOODS BLVD., SUITE 100 RALEIGH, NC 27604		
			SPRAY DRIFT TASK FORCE MCKENNA, LONG & ALDRIDGE LLP 1900 K STREET, NW WASHINGTON, DC 20006		
			CERTIS USA, LLC 9145 GUILFORD ROAD, SUITE 175 COLUMBIA, MD 21046		
			UPL NA, INC. 630 FREEDOM BUSINESS CENTER, SUITE 402 KING OF PRUSSIA, PA 19406		
			ISK BIOSCIENCES CORPORATION 7470 AUBURN ROAD, SUITE A CONCORD, OH 44077		
			LG CHEM, LTD. AG-CHEM CONSULTING 12644 CHAPEL RD. CLIFTON, VA 20124		
			OUTDOOR RESIDENTIAL EXPOSURE T F, LLC BEVERIDGE & DIAMOND, P.C. 1350 I STREET, N.W. WASHINGTON, DC 20005		

Signature:

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			AGRICULTURAL REENTRY TASK FORCE BEVERIDGE & DIAMOND, P.C. 1350 I STREET, N.W. WASHINGTON, DC 20005		
			NON-DIETARY EXPOSURE TASK FORCE (NDEF) CSPA/PIR 1667 K STREET NW, SUITE 300 WASHINGTON, DC 20006		
			FIFRA ENDANGERED SPECIES TASK FORCE, L.L.C. C/O COMPLIANCE SERVICES INTERNATIONAL 7501 BRIDGEPORT WAY, WEST LAKEWOOD, WA 98499		
			HELM AGRO US, INC. 401 E. JACKSON ST., SUITE 1400 TAMPA, FL 33602		
			RESIDENTIAL EXPOSURE JOINT VENTURE (REJV) CSPA/PIR 1667 K STREET, NW, SUITE 300 WASHINGTON, DC 20006		
			AGRICULTURAL HANDLER EXPOSURE TASK FORCE JOHNSON MANAGEMENT & CONSULTING, LLC P.O. Box 509 1720 PROSPECT DRIVE MACON, MO 63552		
			WINFIELD SOLUTIONS, LLC P.O. Box 64589 1080 COUNTY RD. F WEST, MS5705 ST. PAUL, MN 55164		
			GAT MICROENCAPSULATION GMBH GEWERBEZONE 1 2490 EBENFURTH,		

Signature:

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
			GENERIC ENDANGERED SPECIES TASK FORCE (GESTF) PYXIS REGULATORY CONSULTING, INC. 4110 136TH STREET, NORTHWEST GIG HARBOR, WA 98332		
			ARCANA, LLC LIGHTHOUSE PRODUCT SERVICES 3720 WOODHAVEN LANE JOHNSTON, CO 80534		
			KAIZEN TECHNOLOGIES, LLC LIGHTHOUSE PRODUCT SERVICES 3720 WOODHAVEN LANE JOHNSTON, CO 80534		
			TF HOLDINGS I, LLC BIOLOGIC REGULATORY CONSULTING, INC. 10529 HERITAGE BAY BLVD. NAPLES, FL 34120		
			WILLOWOOD, LLC C/O GENERIC CROP SCIENCE LLC 1887 WHITNEY MESSA DRIVE #9740 HENDERSON, NV 89014		
			AGROMARKETING CO, INC D O'SHAUGHNESSY CONSULTING, INC 206 TRADITIONS BLVD. BOWLING GREEN, KY 42103		
			SMARTVET USA, INC. EXPONENT, INC. 1150 CONN. AVE., NW, SUITE 1100 WASHINGTON, DC 20036		
			LIBERTY CROP PROTECTION, LLC 1880 FALL RIVER DR, # 100 LOVELAND, CO 80538		

Signature:

Jane M. Miller

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			CENTRAL GARDEN & PET COMPANY 1501 EAST WOODFIELD ROAD, SUITE 200W SCHAUMBURG, IL 60173		
			COUNCIL FOR THE ADVANCEMENT OF PYRETHROID HUMAN RISK(CAPHRA) 1667 K STREET, NW SUITE 300 WASHINGTON, DC 20006		
			EXTREMIS, LLC PYXIS REGULATORY CONSULTING, INC. 4110 136TH ST. CT. NW GIG HARBOR, WA 98332		

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